

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/004398

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H03M13/29

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H03M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	L.H. CHARLES LEE: "Error-control block codes for communications engineers" 28 June 2000 (2000-06-28), ARTECH HOUSE , XP002259256 pages 52-55, paragraph 3.5.3	1
X	US 2002/118126 A1 (CORNELIUS WILLIAM P ET AL) 29 August 2002 (2002-08-29) figure 2 paragraphs '0008! - '0010! paragraph '0012! paragraph '0015! paragraphs '0046! - '0050! claim 1	1
Y	figure 2 ----- -/--	2-23

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

17 August 2004

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18/11/2004

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>BERROU C ET AL: "NEAR OPTIMUM ERROR CORRECTING CODING AND DECODING: TURBO-CODES" IEEE TRANSACTIONS ON COMMUNICATIONS, IEEE INC. NEW YORK, US, vol. 44, no. 10, 1 October 1996 (1996-10-01), pages 1261-1271, XP000629465 ISSN: 0090-6778 figure 4</p> <p>-----</p>	2-23

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002118126 A1	29-08-2002	JP 2002261618 A	13-09-2002
		US 2004113650 A1	17-06-2004
		US 2004135709 A1	15-07-2004